

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L27	9775	(324/300-322).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/28 10:34
L28	7743	(600/410-435).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/28 10:34
L29	6149	(333/219-235).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/28 10:34
L30	1067	(343/741-744).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/28 10:34
L31	729	(343/787-788).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/28 10:34
L32	251	(343/824).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/28 10:34
L33	5084	(343/850-871).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/28 10:34
L34	1253	(343/904-907).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/28 10:34
L35	29736	L27 or L28 or L29 or L30 or L31 or L32 or L33 or L34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/28 10:34

## EAST Search History

L36	19	L35 and ((reduc\$3 or diminish\$3 or decreas\$3 or lower\$3) near4 (Q near factor or Q-factor or Q near value or Q-value)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/28 10:34
L37	7	36 and (impedance).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/28 10:35
L38	3	37 and (match\$3).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/28 10:35

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	54	("nqr" or quadrupol\$3) and ((reduc\$3 or decreas\$3 or diminish\$3 or lessen or lower\$3 or minimiz\$3) near3 "Q" near (factor or value))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/20 15:37
S2	6	(US-7109714-\$ or US-6291994-\$ or US-6242918-\$ or US-6208136-\$ or US-5546000-\$).did. or (WO-200293687-\$).did.	USPAT; DERWENT	OR	ON	2006/10/20 14:56
S3	5	S2 and (noise or artefact or artifact)	USPAT; DERWENT	OR	ON	2006/10/20 15:04
S4	5	S2 and (match\$3)	USPAT; DERWENT	OR	ON	2006/10/20 15:05
S5	2	S2 and (amplify\$3)	USPAT; DERWENT	OR	ON	2006/10/20 15:05
S6	4	S2 and (amplif\$4)	USPAT; DERWENT	OR	ON	2006/10/20 15:07
S7	3	S2 and (impedance)	USPAT; DERWENT	OR	ON	2006/10/20 15:07
S8	1	(US-6291994-\$).did.	USPAT	OR	ON	2006/10/23 08:46
S9	1	S8 and (antenna or probe or transmit\$3 or transmiss\$3 or receiv\$3 or recept\$3)	USPAT	OR	ON	2006/10/23 08:50
S10	1	S8 and (detect\$3)	USPAT	OR	ON	2006/10/23 08:59
S11	1	S8 and (match\$3)	USPAT	OR	ON	2006/10/23 10:31
S12	1	S8 and (damp\$3)	USPAT	OR	ON	2006/10/24 11:15
S13	1	S8 and (isolat\$3)	USPAT	OR	ON	2006/10/23 13:19
S14	1	S8 and (impedance)	USPAT	OR	ON	2006/10/23 12:54
S15	1	S8 and (threshold)	USPAT	OR	ON	2006/10/23 13:07
S16	1	S8 and (trigger\$3)	USPAT	OR	ON	2006/10/23 13:07
S17	1	S8 and (switch\$3)	USPAT	OR	ON	2006/10/23 14:22
S18	0	S8 and (switch\$3 with frequenc\$3)	USPAT	OR	ON	2006/10/23 13:33
S19	1	S8 and (switch\$3 same frequenc\$3)	USPAT	OR	ON	2006/10/23 13:34
S20	1	S8 and (transist\$3)	USPAT	OR	ON	2006/10/23 15:06
S21	0	S8 and (semiconduct\$3)	USPAT	OR	ON	2006/10/23 14:21
S22	1	S8 and (damp\$3 with switch\$3)	USPAT	OR	ON	2006/10/23 14:46
S23	0	S8 and (parasitic\$3)	USPAT	OR	ON	2006/10/23 14:47
S24	1	S8 and (transit\$3)	USPAT	OR	ON	2006/10/23 14:54
S25	0	S8 and (fet)	USPAT	OR	ON	2006/10/23 14:54
S26	0	S8 and (mofet)	USPAT	OR	ON	2006/10/23 14:54

## EAST Search History

S27	0	S8 and (feedback)	USPAT	OR	ON	2006/10/23 15:33
S28	3016	(cold near resist\$4)	USPAT	OR	ON	2006/10/23 15:33
S29	1692	(cold adj resist\$4)	USPAT	OR	ON	2006/10/23 15:34
S30	16	(cold adj resist\$4 near3 circuit)	USPAT	OR	ON	2006/10/23 15:37
S34	1	(US-20060033499-\$).did.	US-PGPUB	OR	ON	2006/10/23 15:47
S35	1	S34 and (cold adj resist\$4)	US-PGPUB	OR	ON	2006/10/23 15:47
S36	1	(US-6291994-\$).did.	USPAT	OR	ON	2006/10/24 11:15
S37	1	S36 and (bandwidth)	USPAT	OR	ON	2006/10/24 13:13
S38	16	((noise or ring\$3) near2 match\$3) and ((reduc\$3 or diminish\$3 or decreas\$3 or lower\$3) near4 (Q near factor or Q-factor or Q near value or Q-value))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/21 14:18
S39	5	(US-5933057-\$ or US-5198825-\$ or US-5172061-\$ or US-4835485-\$).did. or (GB-2286494-\$).did.	USPAT; DERWENT	OR	ON	2007/08/21 11:09
S40	4	S39 and (impedance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/21 14:23
S41	886	((noise or ring\$3) near2 match\$3 with (acquisition or acquir\$3 or detect\$3 or receiv\$3 or reception))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/21 10:13
S42	2	S39 and ((noise or ring\$3) near2 match\$3 with (acquisition or acquir\$3 or detect\$3 or receiv\$3 or reception))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/21 10:28
S43	3	S39 and ((noise or ring\$3) near2 match\$3 same (acquisition or acquir\$3 or detect\$3 or receiv\$3 or reception))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/21 11:02
S44	1	S39 and ((noise or ring\$3) near2 match\$3 with (during or operat\$3 or while or "same" near time or concurrent\$3 or simultaneous\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/21 11:03
S45	1	(US-20060033499-\$)	USPAT; DERWENT	OR	ON	2007/08/21 11:10
S46	1	US-20060033499-\$	USPAT; DERWENT	OR	ON	2007/08/21 11:11

## EAST Search History

S47	1	S46 and ((noise or ring\$3) near2 match\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/21 14:12
S48	9770	(324/300-322).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/21 14:15
S49	3958	(match\$3 with amplif\$4 with (antenna or coil or conductor or transceiv\$3 or receiv\$3 or recept\$3)) and (noise or ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/21 14:18
S50	3514	(match\$3 with amplifier with (antenna or coil or conductor or transceiv\$3 or receiv\$3 or recept\$3)) and (noise or ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/21 14:21
S51	38	S50 and ((reduc\$3 or diminish\$3 or decreas\$3 or lower\$3) near4 (Q near factor or Q-factor or Q near value or Q-value))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 09:53
S52	3545	(match\$3 with amplifier with (antenna or coil or conductor or transceiv\$3 or receiv\$3 or recept\$3)) and (noise or ring\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/21 14:21
S53	39	S52 and ((reduc\$3 or diminish\$3 or decreas\$3 or lower\$3) near4 (Q near factor or Q-factor or Q near value or Q-value))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 09:54
S54	33	S53 and (impedance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 09:55
S55	9773	(324/300-322).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/27 09:41
S56	7742	(600/410-435).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/27 09:45

## EAST Search History

S57	6148	(333/219-235).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/27 09:46
S58	1066	(343/741-744).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/27 09:48
S59	728	(343/787-788).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/27 09:49
S60	251	(343/824).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/27 09:49
S61	5080	(343/850-871).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/27 09:51
S62	1253	(343/904-907).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/27 09:51
S63	29727	S55 or S56 or S57 or S58 or S59 or S60 or S61 or S62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 09:53
S64	477	S63 and ((reduc\$3 or diminish\$3 or decreas\$3 or lower\$3) near4 (Q near factor or Q-factor or Q near value or Q-value))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 09:55
S65	211	S64 and (match\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 09:55
S66	143	S65 and (impedance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 09:56

## EAST Search History

S67	102	S66 and (noise)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 11:49
S68	60	S67 not (@ad>"20020613" or @rlad>"20020613")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 11:50